

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION			DATE	APVD
		B			10/05/07	FWK

NOTES:

1. ELECTRICAL DATA:
- CONTACT RESISTANCE:

INSULATION RESISTANCE:

CURRENT RATING:

BREAKDOWN VOLTAGE:
- 10 mOhm MAX

100 MOhm MIN at 500VDC

5 AMPS

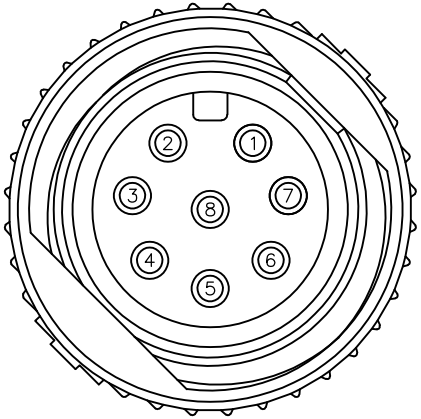
500 VAC MIN PER MINUTE
2. ENVIRONMENTAL:
- OPERATING TEMPERATURE:

SEALING REQUIREMENTS:
- −20°C TO +80°C

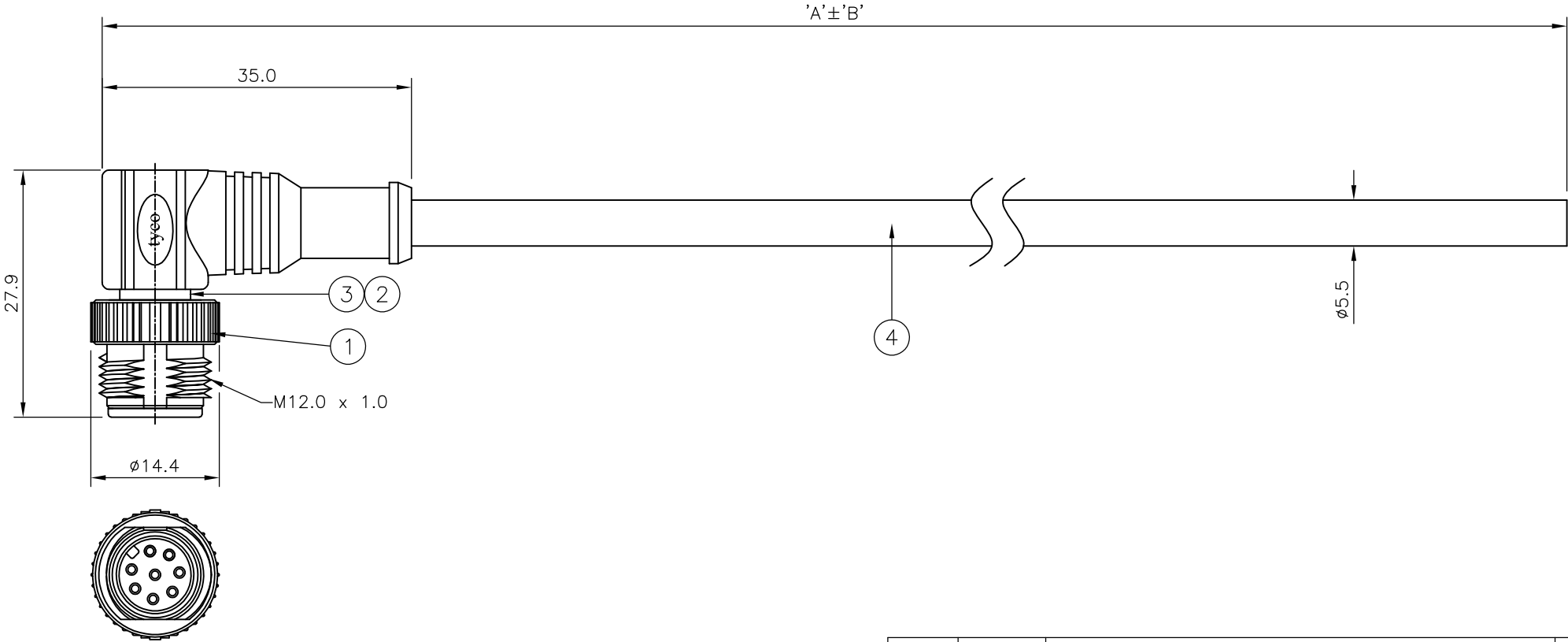
IP67
3. PROD SPEC:
- 108−3641
4. PACKAGING:
- 107−3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

ITEM	DESCRIPTION	MATERIAL	FINISH/COLOUR	QTY
1	SCREW NUT	ZINC DIE CAST	2.5µm NICKEL PLATED	1
2	CONNECTOR BODY	POLYURETHANE	BLACK	1
3	PIN CONTACT	BRASS	0.15µm GOLD OVER NICKEL	8
4	8 CORE CABLE (CORES 22AWG TO UL2464)	PVC JACKET UV RESISTANT	BLACK	1

PIN ASSIGNMENTS
FRONT VIEW



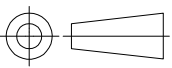
8	GREY
7	PURPLE
6	BLUE
5	GREEN
4	YELLOW
3	ORANGE
2	RED
1	BROWN
PIN	WIRE COLOUR



10000	500 mm	M12 RIGHT ANGLED MALE CONNECTOR 10.0m CABLE	1838401−5
7000	350 mm	M12 RIGHT ANGLED MALE CONNECTOR 7.0m CABLE	1838401−4
5000	250 mm	M12 RIGHT ANGLED MALE CONNECTOR 5.0m CABLE	1838401−3
3000	150 mm	M12 RIGHT ANGLED MALE CONNECTOR 3.0m CABLE	1838401−2
2000	100 mm	M12 RIGHT ANGLED MALE CONNECTOR 2.0m CABLE	1838401−1
DIM A	TOL 'B'	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



MATERIAL

—

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± −

1 PLC ± −

2 PLC ± −

3 PLC ± −

4 PLC ± −

ANGLES ± −

FINISH —

DWN
MANJUNATH.T.N

CHK
F.WHEELER−KING

APVD
F.WHEELER−KING

PRODUCT SPEC
—

APPLICATION SPEC
—

WEIGHT
—

10APR06

04MAY06

04MAY06



Tyco Electronics Corporation
Bideford, UK, EX39 4HE

NAME
M12 RIGHT ANGLED MALE CONNECTOR WITHOUT
STRAIN RELIEF 8 POSITION, PVC CABLE

SIZE
A3

CAGE CODE
00779

DRAWING NO
C−1838401

RESTRICTED TO
—

CUSTOMER DRAWING

SCALE
NTS

SHEET
1 OF 1

REV
B